			•											5/6/// (Styleet 1 of 4			
(Rev. 8-83)	Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE											ATTOR DOCKE P99-00	T NO.	SERIAL NO. 09/422,202			
	INFORMATION DISCLOSURE CITATION (Les graphs chects if processes)																
	(Use several sheets if necessary)																
	APR 2 1 2000 SC												APPLICANT: Bennett et al.				
	TO BANCH SHIPE													GROUP			
														ART UNIT: 2766			
				U.S. PA	TENT D	OCUME	NTS	·						· · · · · · · · · · · · · · · · · · ·			
													FILING DATE IF APPROPRIATE				
		A**	4.84	4,864,501				Kucera et al.			LA33	30801		IF AFFROFRIATE			
45 43		B**	+	24,387	<u></u> .	09/89		Jeppesen									
45		C**				07/91		Hollerbauer									
			7-	5,031,113 5,127,003		06/92		Doll, Jr. et al.			·-···						
	47) -		+	280,430		01/94		Woods et al.									
45	+2		+	369,704		11/94		Bennett et al.									
415	G'		4,9	4,965,819		10/90		Kannes									
45	H'		5,8	5,878,186		03/99		Bennett et al.									
H5	HS		5,9	949,952		9/99		Bennett et al.		<u> </u>							
				FOREIG	N PATE	NT DOC	UME	NTS				_					
													TRANSLAT	TON			
		DOCU	MENT	NUMBER	DATE	ATE COUNTRY			CLASS		SUBCLASS						
													YES	NO			
	J																
	K									4	 		<u> </u>				
	L									\dashv							
-	 	M						<u></u>	-								
N																	
				OTHE	R DOC	JMENTS	S (Incl	uding Author, Ti	tle, Date, Po	ertin	ent Pages	, Etc.)					
AA Lawrence-Rabiner and Biing Hwang Juang, "Fundamentals-of-Speech Re-New Jersey, 1993)										cognition;"	Prentice Half	PTR (Englewood Cliffs,					
ВВ																	
			СС														
EXAMINER	EXAMINER House Soug Date considered 10/15/03																
*EXAMINER: considered. In	Initial c	itation co	nsidere	, ed, whether o	or not cita	ation is in	n confo	ormance with Mi	PEP 609; D)raw	line throug	gh citation	if not in confo	rmance and not			

^{**}A copy of this reference is not included. See M.P.E.P. Section 609(A)(2). The Serial Numbers for the prior applications, to which priority is claimed under 35 U.S.C.§120, are 09/185,114, 08/818,402, 08/066,948, 08/036,488, 09/057,650, and 08/339,771.

·														Sheet 2 of 4	
(Rev. 8-83)	Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE										ATTOR DOCKE P99-00-	T NO.	SERIAL NO. 09/422,202		
	INFOR	RMATIC	N DIS	SCLOSURE C	ITATION	l		0	IA						
(Use several sheets if necessary)															
APR 2 4 2009 CC													ANT: t et al.		
	A MANORANI MILLE											FILING	DATE	GROUP	
												Octobe	r 19, 1999	ART UNIT: 2766	
				U.S. PA	TENT D	OCUME	NTS								
*EXAMINER				DOCUMENT				<u> </u>						FILING DATE	
INITIAL				NUMBER		DATE		NAME			LASS	SUBCI	ASS	IF APPROPRIATE	
НS		J*	• 3	3,798,387		03/74		Gallagher, Jr.							
#5		K'	-+-	3,879,751		04/75		Gimelli							
45		L*	+	4,461,203		02/87		Miller		_					
H 5		M	_	5,172,281		12/92		Ardis et al.		_					
415		N'	_	5,272,571		12/93		Henderson et al.							
HS				5,613,032		03/97		Cruz et al.							
HS	P** 5,369,704						Bennett et al.		_						
#5		Q	_	5,970,141		10/99		Bennett et al.							
H5		R'		5,740,245		04/98 Bennett et al.									
				FOREIG	N PATE	NT DOC	UME	NTS			 		T		
	DOC			DOCUMENT NUMBER			со	COUNTRY		SUBCLA		TRANSLA		'ION	
				ENT NUMBER DATE									YES	NO	
	<u> </u>														
													<u> </u>		
	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)														
			AA						·						
			ВВ						•		•				
			СС												
EXAMINER	Ho	suk	Sø	NG		ATE CO		RED 15/03							
	Initial c	itation o	onsid	•		ation is in	confe	ormance with MF	PEP 609; D	raw	v line throug	gh citation	if not in conform	nance and not	

^{**}A copy of this reference is not included. See M.P.E.P. Section 609(A)(2). The Serial Numbers for the prior applications, to which priority is claimed under 35 U.S.C.§120, are 09/185,114, 08/818,402, 08/066,948, 08/036,488, 09/057,650, and 08/339,771.

		1						 _					Sheet 3 of 4
.(Rev. 8-83)	F	orm PTO-1 PATENT	ATTOR DOCKE P99-00-	T NO.	SERIAL NO. 09/422,202								
	INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)												
			APPLIC Bennet										
			FILING Octobe	DATE r 19, 1999	GROUP ART UNIT: 2766								
			U.S. PA	TENT D	OCUME	NTS					-		
*EXAMINER INITIAL			DOCUMENT NUMBER		DATE		NAME CLASS			LASS	SUBCL	ASS	FILING DATE IF APPROPRIATE
e #		S**	6,023,675		02/00		Bennett et al.						
45		T**	Re 33,337		09/90		Lefler et al.						
#5		U**	3,557,927				Wright et al.						
HS		V**	3,597,538	.597,538			Binenboum						
45		W**	3,892,915	892,915			Budworth et al.				· · · · · ·		
713			4,041,467	041,467			Cota et al.						
#5	,		4,205,351	205,351			Michals	<u>-</u>					
#3			4,692,042	692,042			Cuff et al.						
#5		ZA**	4,724,285	,724,285			Lefler et al.						
	,		FOREIG	N PATE	NT DOC	UME	NTS						
		DOCUME	NT NUMBER	DATE C			OUNTRY CLASS			SUBCLASS		TRANSLAT	ION
												YES	NO
			-										
			OTHE	R DOCI	IMENT:	S (Incl	uding Author, Ti	tle Date Po	ertin	ent Pages	Ftc.)		•
		A/	1	IN BOOK	J. 101.	<u> </u>	danig / tation, in	iio, Duito, 1	<u> </u>	ioni rugue	,,		
		BE	- 		····								
		C											
EXAMINER	Hnsi	uk So	I	D	ATE CO		ERED						
*EXAMINER: considered. In	Initial ci	tation consi		or not cita	ation is i	n conf	ormance with M	PEP 609; D	raw	line throug	gh citation	if not in confo	rmance and not
									-				

^{**}A copy of this reference is not included. See M.P.E.P. Section 609(A)(2). The Serial Numbers for the prior applications, to which priority is claimed under 35 U.S.C.§120, are 09/185,114,08/818,402,08/066,948,08/036,488,09/057,650, and 08/339,771.

		<i>t.</i> '	·											Sheet 4 of 4	
Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 8-83) PATENT AND TRADEMARK OFFICE											ATTOR DOCKE P99-00-	T NO.	SERIAL NO. 09/422,202		
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)															
(Use several sheets if necessary)													ANT: t et al.		
Rancianu of the													DATE r 19, 1999	GROUP ART UNIT: 2766	
				U.S. PA	TENT D	OCUME	NTS					<u> </u>		<u> </u>	
*EXAMINER INITIAL				DOCUMENT NUMBER		DATE		NAME CLASS				SUBCI	ASS	FILING DATE IF APPROPRIATE	
HS		ZB	••	4,765,764		08/88		Lefler							
45		zc	_	5,101,402		03/92		Chiu et al.							
#15		ZD	-t	5,127,003		06/92		Doll et al.							
H 5		ZE'	**	5,164,985		11/92		Nysen et al.							
HS		ZF	••	5,247,575		09/93		Sprague et al.						-	
				FOREIG	N PATE	NT DOC	UME	NTS							
		DOCU	JMÉN'	T NUMBER	MBER DATE			COUNTRY CLAS			SUBÇLA	ss	TRANSLATI	ON	
													YES	NO	
								· · · · · · · · · · · · · · · · · · ·							
											:				
	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)														
			AA									<u> </u>			
			ВВ	<u> </u>											
	•		CC												
EXAMINER	Н	hosuk	50	NG	DA	ATE CO	NSIDI	1503							
*EXAMINER: considered. In	Initial ci	itation co	onside	ered, whether o			confe	, ormance with Mi	PEP 609; D	raw	line throug	gh citation	if not in conform	nance and not	
				·											

^{**}A copy of this reference is not included. See M.P.E.P. Section 609(A)(2). The Serial Numbers for the prior applications, to which priority is claimed under 35 U.S.C.§120, are 09/185,114, 08/818,402, 08/066,948, 08/036,488, 09/057,650, and 08/339,771.